IN THE CLAIMS

1. Electronic Vehicle Monitoring System for tracking the location of a plurality of motor vehicles at a particular location having a plurality of parking slots thereat, said system Comprising:

a~~;~~. A plurality of parking space units located ~~each for placement~~ at ~~a~~ particular parking slots, each of said plurality of parking units comprising of a receiver for receiving signal and transmitter for transmitting signals;

b~~;~~. A plurality of vehicle units installed ~~each for installation~~ into ~~a~~ particular motor vehicles, each of said plurality of vehicle units comprising of a ~~vehicle unit~~ transceiver for transmitting and receiving signals, said vehicle transceiver transmitting a unique low power signal to a particular ~~said~~ parking space unit receiver, ~~with~~ were each of said plurality of parking space units receiving a unique low power signal from a particular vehicle, in which said vehicle units ~~is~~ is installed in and ~~are~~ said vehicle is parked in a particular slot.

c. A computer interface transceiver unit installed in a base station, which ~~used to~~ monitors the operation of said system, said parking space unit transceiver upon receipt of said low power signal, transmits a signal containing information of ~~to~~ said particular parking slot and ~~to~~ said particular vehicle to a base station computer interface transceiver ~~receiver unit said said base station transceiver~~ unit, and the base station computer of said base station indicating the location of particular motor vehicle in a particular parking slot ~~receiving said signal.~~

2 Electronic Vehicle Monitoring System as defined in claim 1, Wherein each of said plurality of vehicle units comprising:

a. A processor;
b. A memory containing unique information identifying the particular vehicle;
c. A power supply;
d. A receiver; and

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e. A low power RF transmitter, for transmitting a unique unidirectional signal from a particular vehicle unit, to a particular parking space receiver unit in which ~~that~~ the particular vehicle is parked ~~in.~~

3 Electronic Monitoring System as defined in claim 1, wherein each of said plurality of parking space units comprises:

a. A processor;

b. A power supply;

c . A receiver;

d. A transmitter; and

e. A memory containing unique information identifying the particular parking space; the receiver for receiving a unique low power RF signal from a particular vehicle unit installed in a particular vehicle; the transmitter transmitting a signal to a base station receiver unit containing information identifying the particular parking slots in which ~~that~~ the particular motor vehicle is parked ~~in.~~

4 Electronic Vehicle Monitoring System as defined in claim 1, wherein said base station comprises:

a. A computer;

b. A transceiver ~~unit; and~~

c. A computer interface for connecting said base station transceiver to a computer unit, which ~~used to~~ monitors the operation of said system. Said computer transceiver interface receiving a signal from said parking space unit containing information identifying the particular parking slots in which ~~that~~ the particular motor vehicle is parked ~~in.~~

5 Electronic Vehicle Monitoring System as claimed in claim 1, wherein said parking space unit transmitter transmitting a signal to said ~~a~~ base station transceiver unit containing information identifying both the particular motor vehicle in which ~~that~~ said vehicle unit is installed ~~in~~ and the particular parking slot in which ~~that~~ the ~~particular~~ motor vehicle is parked ~~in~~ and the base station computer interface unit receiving information

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identifying both the particular motor vehicle in which ~~that~~ each vehicle unit is installed ~~in~~ and the particular parking slot in which ~~that~~ said particular motor vehicle is parked ~~in~~.

6 Electronic Vehicle Monitoring System in which each one of said plurality of vehicle units comprising of a vehicle unit transceiver ~~unit~~ installed in ~~a plurality of~~ motor vehicle, each of said vehicle units containing unique information identifying the particular vehicle unit; each of said plurality of vehicle unit transceivers transmits a unique RF signal containing information identifying a particular motor vehicle that said vehicle unit is installed in; and said base station computer interface unit receiving said information identifying the particular motor vehicle ~~that each vehicle unit is installed in,~~ from a ~~set~~ predetermined distance in a lot.

C1 cont'd

7 Electronic Vehicle Monitoring System as defined in claims 1 or 6, wherein each of said plurality of vehicle unit transceivers transmits said low power signal upon said vehicle ignition system is being turned off.

8 Electronic Vehicle Monitoring System as defined in claim 1, wherein said base station computer communicates with said computer interface unit to transmit a unique RF coded signal to a particular vehicle unit. Said particular vehicle unit upon receiving said signal, transmits an RF signal containing vehicle information identifying said particular motor vehicle that said vehicle unit is installed in, to said base station computer.

9 Electronic Vehicle Monitoring System as defined ~~claimed~~ in claim 1 or 6, wherein each of said plurality of motor vehicle unit transceivers transmit a signal, upon said vehicle transceiver receive a unique RF coded signal from said base station computer interface transceiver unit.

10 Electronic Vehicle Monitoring System as defined in claim 1, Wherein said base station computer interface ~~signaling said base station~~ transceiver unit,

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additionally ~~to~~ transmits a unique coded signal to a particular parking space unit; said parking space unit upon receiving said signal, transmits said parking space information identifying said particular parking space unit installed in a particular parking slot, to said base station computer interface transceiver unit.

11 Electronic Vehicle Monitoring System as claimed in claim 2, wherein each of said plurality of vehicle units transmitting to said parking space unit an optical unidirectional signal.

12 Electronic Vehicle Monitoring System as claimed in claim 2, wherein each of said plurality of vehicle units transmitting to said parking space unit an electromagnetic signal.

Cl cancel.

13 Electronic Vehicle Monitoring System as claimed in claim 3, wherein each of said plurality of parking space receiver units receiving from said particular vehicle unit an optical signal.

14 Electronic Vehicle Monitoring System as claimed in claim 3, wherein each of said plurality of parking space units receiving signal from said particular vehicle unit an electromagnetic signal.

Claims 15 to 46 cancel.

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